Attorney Docket No. 1 (60,012US)

Schwegman = Lundberg = Woessner = Kluth

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as

stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: SYSTEM AND METHOD FOR 3-D DIGITAL RECONSTRUCTION OF AN ORAL CAVITY FROM A SEQUENCE OF 2-D IMAGES

The specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. §1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed beløw:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number 60/199,913

Filing Date April 26, 2000 Status **Provisional**

Page 2 of 4

Artomey Docket No.: 1160,012US1 Serial No. not assigned Filing Date: not assigned

Full Name of joint Inventor number 1:

Citizenship:

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

	Day No. 24 014	Haack, John L.	Rcg. No. 36,154	Nielsen, Walter W.	Reg. No. 25.539
Anylin, J. Michael	Reg. No. 24.916	Hards, Robert J.	Reg. No. 37,346	Padys, Danny J.	Rug. No. 35,635
Arora, Suncel	Reg, No. 42,267		Reg. No. 37,548	Parker, J. Kevin	Reg. No. 33,024
Beckman, Marvin L.	Reg. No. 38,377	Hill, Stanley K.		Perdok, Monique M.	Reg. No. 42,989
Bianchi, Timothy E.	Reg. No. 39,610	Jackson Huebson, Katharine A.			Reg. No. 47,857
Billion, Richard B.	Roy. No. 32,836	Jurkovich, Patri I.	Reg. No. 44,813	Peterson, David C.	
Black, David W.	Reg. No. 42,331	Kalis, Janal M.	Rag. No. 37,650	Proof. William F.	Reg. No. 33.995
Brewan, Leoniede M.	Reg. No. 95,832	Klima-Silberg, Catherine I.	Reg. No. 40,052	Schumm, Sherry W.	Reg. No. 39,422
Brennan, Thomas F.	Rog. No. 35,075	Kluth, Daniel J.	Rcg. No. 32,146	Schwegman, Michell L.	Rag. No. 25,816
Brooks, Edward J., III	Reg. No. 40,925	Lacy, Rodney L	Reg. No. 41,136	Scott, John C.	Rag. No. 38,613
Chartwick, Robin A.	Reg. No. 36,477	Lemeire, Charles A.	Reg. No. 36,198	Smith, Michael G.	Reg. No. 45,368
Clark, Bathara J.	Reg. No. 38,107	LeMoine, Donn B.	Reg. No. 40,062	Speier, Gary J.	Reg. No. 45,458
	Rez. No. 40,957	Lundberg, Steven W.	Reg. No. 30,568	Steffey, Charles E.	Reg. No. 25,179
Clise, Timothy B.		Maki, Peter C.	Reg. No. 42,832	Stordal, Laif T.	Reg. No. 46,251
Dahl, John M.	Rog. No. 44,639		Reg. No. 44,894	Terry, Kuihleen R.	Reg. No. 31,884
Drake, Eduardo E.	Reg, No. 40,594	Malon, Peter L.		Tong, Viet V.	Reg. No. 45.416
Embresson, Janet E	Reg. No. 39.665	Mates, Robert E.	Reg. No. 35,271	<u> </u>	Reg. No. 37,748
Fordenbacher, Paul J.	Reg. No. 42,546	McCeackin, Ann M.	Reg. No. 42,858	Vilentina, Ann S.	
Fonexi, Bradley A.	Reg. No. 30,837	Moore, Charles L., Jr.	Reg. No. 33,742	Vogel, Poter J.	Reg. No. 41,363
Gemon, Owen J.	Rag, No. 36,143	Nama, Kosh	Reg. No. 44.255	Woessner, Warren D.	Rag. No. 30,440
Gortych, Joseph E.	Rag. No. 41,791	Nelson, Albin J.	Reg. No. 28.650		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assigned/attorney/ firm/ef ganization/who/which first sends/sept this case to them and by whom/which I hereby declare that I have consented after full disclusive to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary.

Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below: P.O. Box 2938, Minneapolis, MN 55402 Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Residence: Louisville, KY

Post-Office Address:	1703 Golden Loaf Way Louisville, KY 40245	ŕ	
Signature:	Aly A. Farag	Dete:	
Full Name of joint inventor Citizenship: Post Office Address:	number 2; <u>David Tarman</u> United States of America 1816 Kline Ct. Louisville, KY 40205	Residence: Louisville, KY	
Signature:	David Tasman	Date:	

X Additional inventors are being named on separately numbered sheets, attached hereto.

Alv A. Farag

United States of America

Attorney Docker No.: 1160-012US)

derial No. not assigned Filing Date: not assigned

Signature:

NO. 5603

P. 4 004/008

Page 3 of 4

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application of any patent issued thereon. Sameh M. Yamany Full Name of joint inventor number 3: Residence: Weston, FL Citizenship: Post Office Address: 16511 Blatt Blvd., Apr. 105 Weston, SL 33326 4-26-0 Date: Signature: Sameh M. Yamany Full Name of inventor: Citizenship: Residence: Post Office Address: Signature: Date: Œ T. Full Name of inventor: Citizenship: Residence: Post Office Address: Signifuc: Date: T. m Fulf Name of inventor. Citizenship: Residence: Post Office Address:

Date:

Page 4 of 4

Amorney Docket No.: 1160,012US1 Scrint No. not assigned Sling Date: not assigned

The same and the same same

- § 1.56 Duty to disclose information material to patentability.
- A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refures, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A perma facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preproductance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the proparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

Schwegman ■ Lundberg ■ Woessner ■ Kluth

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **SYSTEM AND METHOD FOR 3-D DIGITAL RECONSTRUCTION OF AN ORAL CAVITY FROM A SEQUENCE OF 2-D IMAGES**.

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I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

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Application Number 60/199,913

Filing Date
April 26, 2000

Status Provisional SCHWEGMAN, LUNDBERG, WOES

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Auglin, J. Michael	Reg. No.	24.916	Husek, John L.	Reg. No. 36,154	Nielson, Walter W.	Reg. No. 25,539
Artica, Sundel	Rog. No.		Hamis, Robert J.	Reg. No. 37,346	Padys, Dunny J.	Reg. No. 35,635
Beekman, Marvin I.,	Reg. No.	38.377	Hill, Stanley K.	Reg. No. 37,548	Parker, J. Kevin	Reg. No. 33,024
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Bingk, David W. Brenner, Looniele M.	Reg. No. Reg. No	_	Kalis, Janul M. Klimu-Silbery, Catherine I.	Reg. No. 37,650 Reg. No. 40,052	Proof, William F. Schumm, Sherry W.	Reg. No. 33,995 Reg. No. 39,422
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Draine, Eduardo E. Embretson, Janes E.	Reg. No Reg. No		Malen, Peter L. Males, Robert E.	Reg. No. 44,894	Teny, Kathleen R.	Reg. No. 31,884
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Forcest, Bradley A.	Reg. No.	· ·	Mouse, Charles L., Jr.	Reg. No. 33,742	Vogel, Pour J.	Reg. No. 37.748 Reg. No. 41.363
Gamon, Owen J.	Reg. No.		Namo Kash	Reg. No. 44,255	Woesshor, Wacren D.	Reg. No. 30,440
Gonych, Joseph E.	Rog. No.	. 41,791	Nelson, Albin J.	Reg. No. 28,650	,	
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statements may jeoparu	ize the vali	ionth or rue sh	plication or any patent issu	ed thereon.		
Full Name of joint inve		nn 1 - 47	A 17			
Citizenship:			<u>A. Farag</u> s of America	D. 44		
Posi Office Address:		1703 Golden		Residence: Louisvi	ille, KY	
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Full Name of joint inve	ntor pumbe	1 2 : Daw	id Tasman			
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Post Office Address:		1816 Kline C		Residence: Louisvi	ne, K.Y	
		Louisville, K				
			, -4401			
Signature:				*		
	David '	Газшай		Date:		

X Additional inventors are being named on separately numbered sheets, anached hereto.

Attorney Docket No.: 1160.012US1 Serial No. not assigned

Filing Date: not assigned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint invent Citizenship: Post Office Address:	Egypt 16511 Blatt Blvd., Apt. 105 Weston, FL 33326	Residence: Weston, FL	
Signature:	Sameh M. Yamany	Date:	
Full Name of inventor: Citizenship: Post Office Address:		Residence:	
Signature:		Date:	
Full Name of inventor: Citizenship: Post Office Address:		Residence:	
Signare: C		Date:	
Full Name of inventor: Citizenship: Post Office Address:		Residence:	
Signature:		Date:	

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§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
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 - (2) Each attorney or agent who prepares or prosecutes the application; and
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